

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-245104

(43)Date of publication of application : 31.10.1991

(51)Int.Cl. G02B 5/28

(21)Application number : 02-043434 (71)Applicant : MATSUSHITA ELECTRIC WORKS LTD

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(54) MULTILAYERED INTERFERENCE FILM

(57)Abstract:

PURPOSE: To make production without requiring high-temp. heating and large- scale equipment by forming plural thin films essentially consisting of org. matter on a base material.

CONSTITUTION: The plural thin films 11a to 11c, 12a, 12b are laminated on the base material 11 in such a manner that the films having different refractive indices are brought in contact with each other. The thin films 11a to 11c, 12a, 12b consist of the material essentially consisting of the ord. matter. Paint, ink, etc., essentially consisting of, for example, high-polymer compds.or resins are used as the org. matter. The materials which have relatively high refractive indices and relatively low refractive indices are adequately selected from these materials and are used. The selective reflection or transmission of light of a specific wavelength is possible and the production is executed without requiring high-temp. heating and large-scale equipment.

LEGAL STATUS [Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]